

CYBER SECURITY DIVISION 2013 PRINCIPAL INVESTIGATORS'

From Local to Global Awareness: A Distributed Incident Management System (DIMS)

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Team Profile



Customer Need

Login	Mission
	OPSEC-Trust (or 'ops-sust') forum is a highly veted community of security professionals boused on the operational industries, integrity, and security of the internet. The community promotes responsible action against maildoas behavior boynd optications and research. OPSEC Trust carefully expands membership pulling latent from many other security forum olding for strong vetting with in these senses.
	1. sphere of trust; 2. sphere of action; 3. the ability to maintain a "need to know" confidentiality.
	OPSEC-True (or "special-out") environmente en la position to directly affect laterest executiy constations in some maniphy way. The community for methors span the browth of the industry including environ position, explorment vectors, feanded institutions, mail domas, DNB admins, DNB rightmax, context buding positions, user efformant organizationalogenode. CBIHT Feans, and hand party organizations that provide security- mated explores for positio benefit age nonbuding or fitting average particulars). The logarith would be in a position to popit focused attention on the mellessent behaviour which thereate the instead.
	Members:
	 will be phry to lists of infected IP addresses, compromised accounts, bot c&c lists and other data that should be acted upont. we expected to lake appropriate accho within their domain of control. we expected to contribute cata as appropriate and in a fishion that does not violate any level or corporate policies.
	OPSEC-Trust does not accept applications for membership. New candidates are nominated by their peers who are actively working with them on improving the operational robustness, integrity, and socurity of the Istanda.
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Indicators from multiple sources (e.g. Alienvault, Shadowserver, Malwarebytes, Mandiant, etc.)



http://code.google.com/p/ collective-intelligence-framework/



Customer Need





Develop a system for collaborative response detection and

mitigation mechanisms to counter target and advanced threats

- Web Application Service front end (dashboard) for data mining, analysis, reporting, and data ingest/export
- Role based access controls, account management, and data anonymization/filtering
- Integrate alerting from protective and detective systems with contextual information and cross-organizational situational awareness
- Integration with host-based forensic tools to facilitate triage, implementing "course of action" steps
- Vertical (US-CERT) and horizontal information sharing with trusted groups (e.g., ops-trust, Beadwindow, etc.)

Benefits

• Improved Performance

- Platform for collaborative situational awareness and response, integrating Indicators of Compromise (IOCs) from multiple sources
- Security-assessed ops-trust portal for increased collaboration across trust groups
- Improve operator effectiveness in mitigating targeted and advanced threats
- Provide actionable intelligence and course of action options
- Lower Cost of Ownership
 - Prototypes developed as open source for rapid innovation & diffusion
 - Use combined strength of UW, Next Century, to support technology transfer
- Better situational awareness (at scale)
 - Integrated approach to monitoring, analysis, visualization, and data sharing
 - Enhance existing Security Event Information Management (SEIM) systems with vender-neutral dashboard

Contact Information

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